

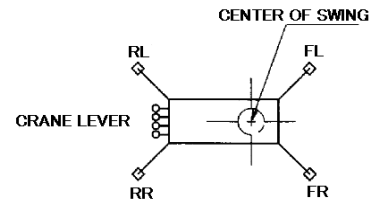
MC-305C OUTRIGGER REACTION FORCE CALCULATION

WORKING RADIUS 3500 mm

LIFTING LOAD 1920 kg

STAGE 2

EXTENDED OUTRIGGERS MID (MAX, MID, MIN)



θ	FR	FL	RL	RR
0	780	780	2464	2464
5	794	773	2310	2612
10	816	769	2152	2750
15	849	768	1995	2876
20	893	768	1841	2987
25	950	766	1693	3080
30	1021	761	1552	3153
35	1107	753	1423	3205
40	1209	739	1306	3234
45	1325	721	1203	3240
50	1455	697	1114	3222
55	1598	669	1041	3181
60	1752	636	983	3117
65	1916	601	940	3032
70	2086	564	910	2928
75	2261	527	894	2806
80	2436	493	890	2670
85	2610	463	894	2522
90	2777	439	907	2365
95	2936	425	925	2202
100	3083	421	946	2038
105	3214	431	969	1874
110	3327	455	991	1714
115	3420	496	1011	1561
120	3489	555	1027	1417
125	3534	632	1037	1285
130	3553	728	1041	1166
135	3545	842	1038	1063
140	3511	974	1029	975
145	3450	1123	1013	903
150	3364	1286	990	847
155	3255	1462	963	808
160	3123	1649	932	784
165	2973	1843	899	773
170	2806	2041	866	775
175	2626	2240	835	787
180	2436	2436	808	808

MAX (kg)	3553	2436	2464	3240
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(kg)